



The Conservation Fund

Partners in Land and Water Conservation

Limiting Encroachment Through Conservation Investments: A Statewide Assessment of Georgia

August 23, 2004 – Savannah, GA



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Military Installations



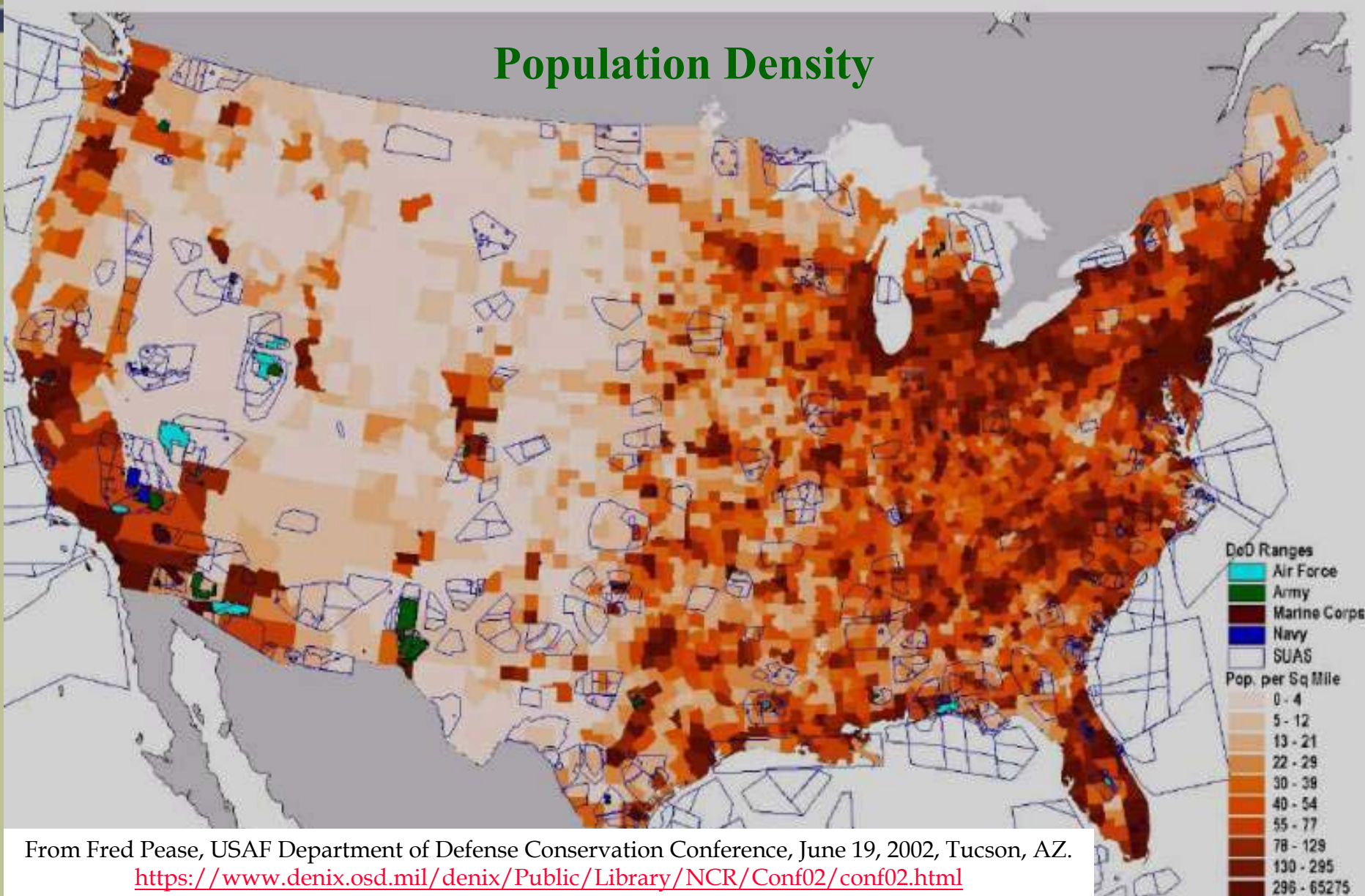
From Fred Pease, USAF Department of Defense Conservation Conference, June 19, 2002, Tucson, AZ.

<https://www.denix.osd.mil/denix/Public/Library/NCR/Conf02/conf02.html>

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Population Density



From Fred Pease, USAF Department of Defense Conservation Conference, June 19, 2002, Tucson, AZ.

<https://www.denix.osd.mil/denix/Public/Library/NCR/Conf02/conf02.html>

O B J E C T I V E S

- **Reduce encroachment in buffer lands**
- **Promote compatible land use in “white space”**
- **Enhance DoD Private Lands Initiative**
- **Leverage investments from the conservation community**
- **Develop broad-based, systematic framework for evaluating opportunities**
- **Develop template to apply to other states**

GEORGIA PILOT

- **Military**
 - 13 installations
 - 120,000 jobs
 - \$20 billion in economic activity
- **Conservation**
 - Georgia Land Conservation Partnership (DNR)
 - Comprehensive Wildlife Strategy (LWCF)
 - Community Greenspace Program
 - Forest Legacy, Farm Bill

PROJECT PHASES

- **Inventory**
- **Analysis**
- **Synthesis**
- **Implementation**
- **Evaluation**

S T A T U S

- **Project Initiation: June 2004**
- **Resource data acquired, preliminary models developed**
- **Inventory of training routes and special use airspace complete, preliminary models developed**
- **Awaiting installation data from OSD/DISDI**
- **Pilot Project Completion: December 2004**
- **2005: Future phases and refinements based on outcomes**

INVENTORY

- **Installations and buffer lands**
- **Training routes, special use airspace**
- **Public and private conservation lands**
- **Working lands: agriculture and forestry**
- **Wildlife habitat, endangered species**
- **Conservation priorities**
 - **Southeast Ecological Framework**
 - **Land Conservation Partnership Plan**
 - **Forest Legacy**

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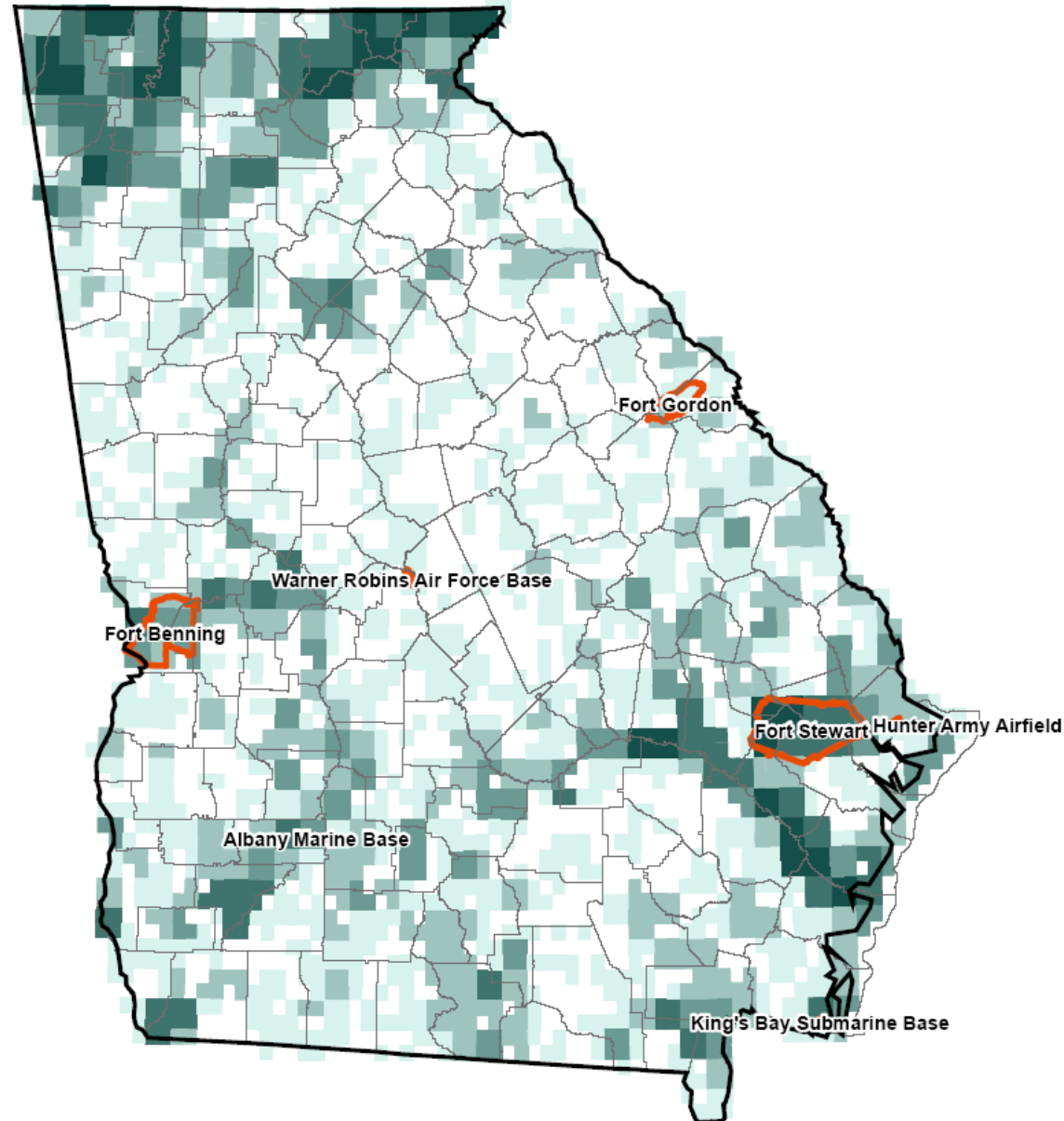
Southeast Ecological Framework

Source:
EPA & Univ. of
Florida



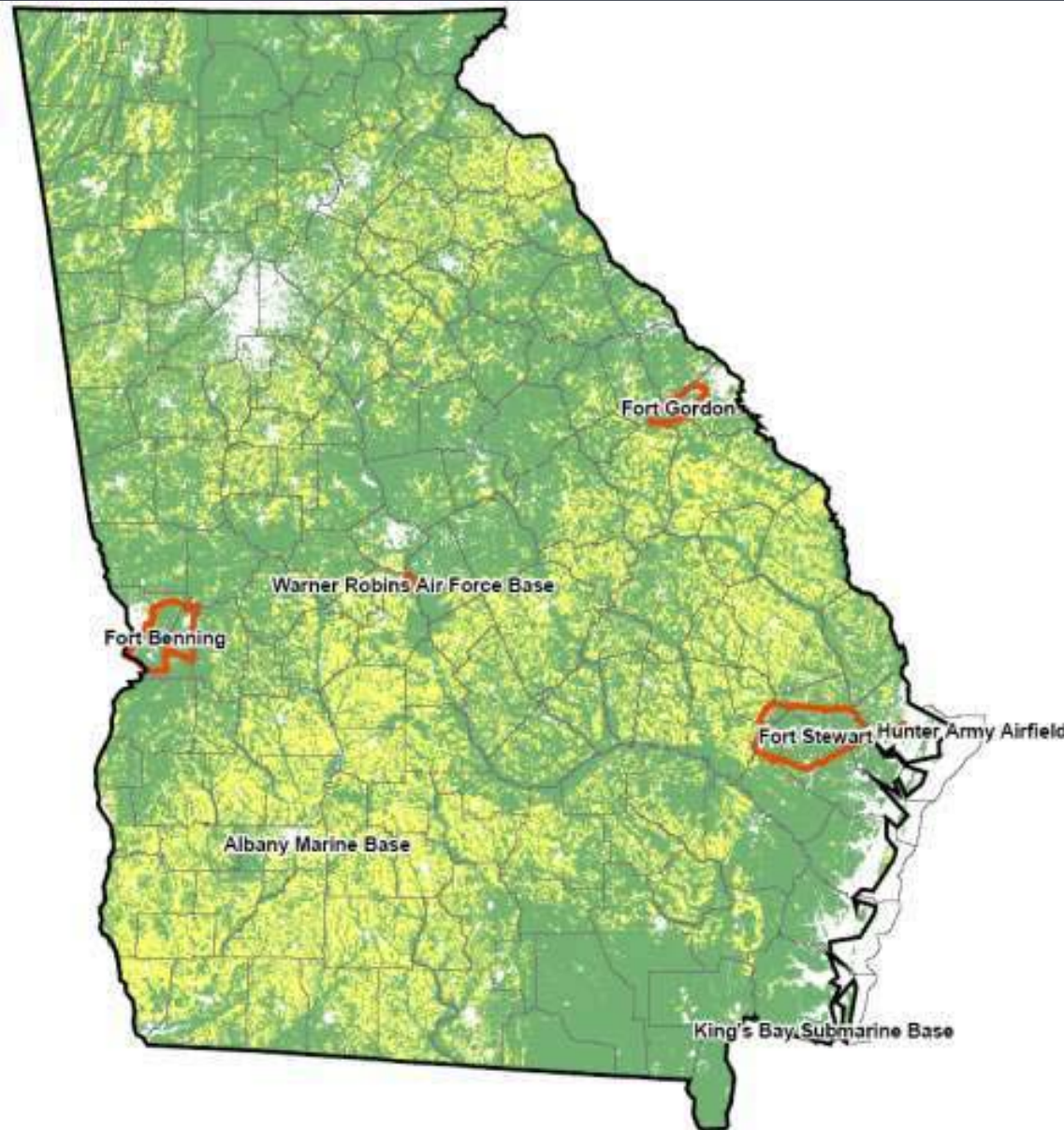
Species Richness

Source:
GA Gap Analysis
Program



Agriculture & Forest Lands

Source: GA Gap
Analysis Program



Georgia Land Conservation Partnership Plan

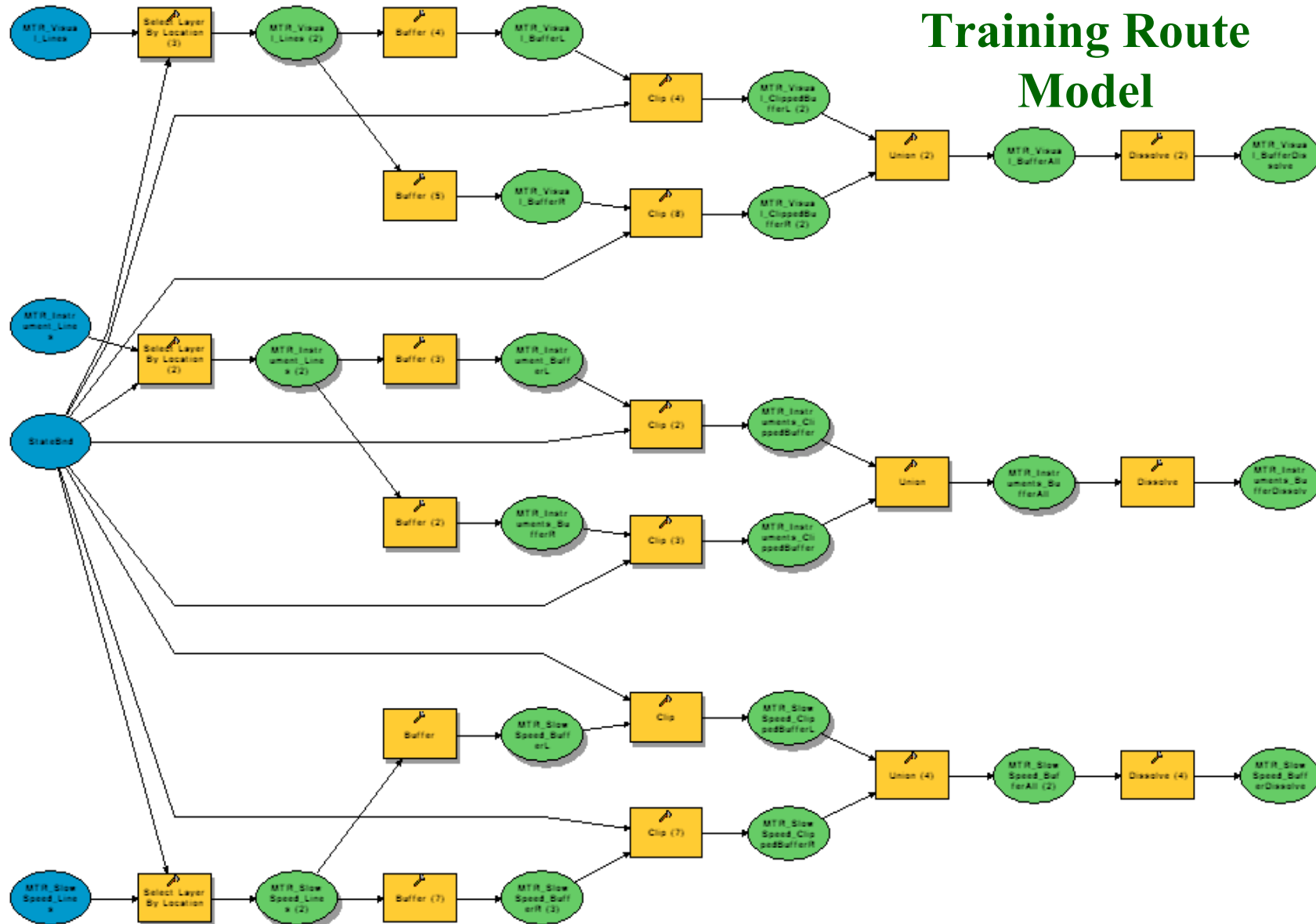
The Functions, Services, and Land Types Relative to the Five Goals

Five Major Goals				
Clean and Abundant Water	Clean Air	Biodiversity	Cultural Identity	Outdoor Recreation and Education
Functions and Services				
Reducing sediments	Temperature regulation	Ecosystems	Historic & archeological resources	Recreation
Reducing pollutants	CO ₂ regulation	Communities	Scenic viewsheds	Scenic viewsheds
Reducing nutrients	Ozone regulation	Species	Agritourism	Health
Groundwater recharge	Acid rain reduction	Populations	Ecotourism	Spiritual
Water supply & delivery		Genetic	Sense of place	Urban amenities
		Wildlife habitat		
Land Types				
Agricultural lands	Agricultural lands	Forests	Archeological sites	Forests
Floodplains	Forests	Free flowing streams	Historic sites	Greenways
Forests	Greenways	Habitats	Historic landscapes	Habitats
Karst formations	Natural areas	Karst formations	Natural areas	Local Parks
Natural areas	Trails	Natural areas	Scenic viewsheds	Natural areas
Streamside habitats		Wetlands		Parks
Steep slopes		Wildlife corridors		
Wetlands				

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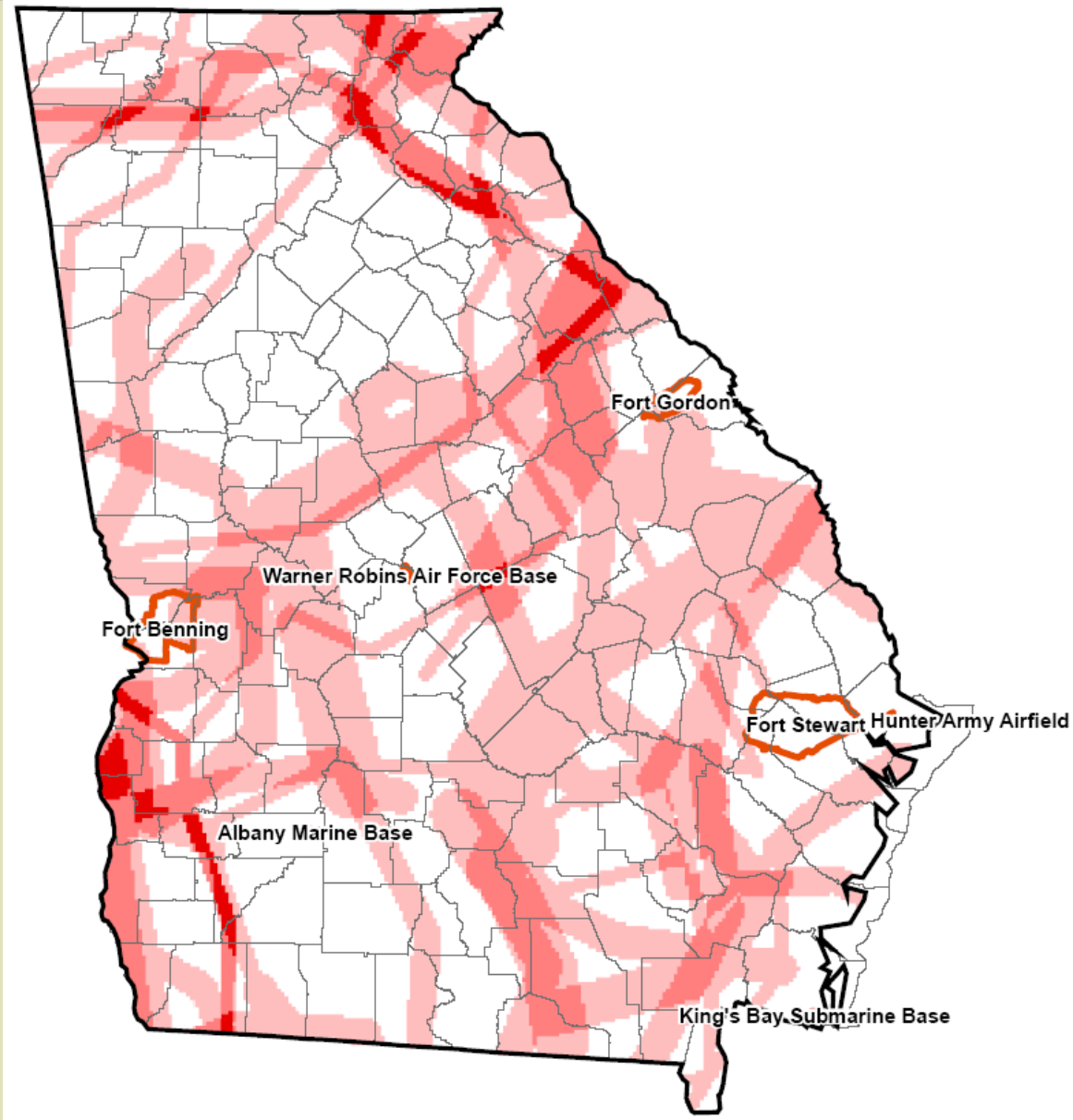
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Training Route Model



Training Routes

Source:
NIMA DAFIF



ANALYSIS

- **Identify buffer areas and white space vulnerable to encroachment and incompatible uses**
- **Identify significant ecological lands, working landscapes, and other conservation elements**
- **Identify areas of overlap**
 - **Installation Value**
 - **Airspace Value**
 - **Ecological Value**
 - **Working Landscape Value**
 - **Other Considerations**

S Y N T H E S I S

- **Assess systematically military-conservation overlap**
- **Delineate Strategic Focus Areas for collaboration**

I M P L E M E N T A T I O N

- **Identify partnerships and implementation tools to address land use issues within each Focus Area**

E V A L U A T I O N

- **Evaluate effectiveness of project template, modeling, and process.**



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Questions?

